

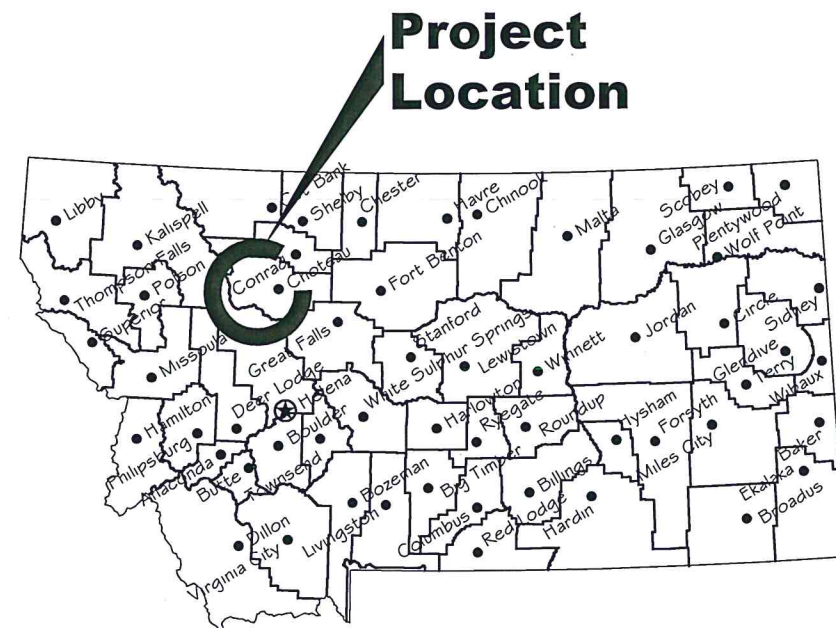
# MONTANA FISH, WILDLIFE & PARKS

# BLACKLEAF WILDLIFE MANAGEMENT AREA

# 2018 FENCE INSTALLATION

NEAR BYNUM, MT

#7175302

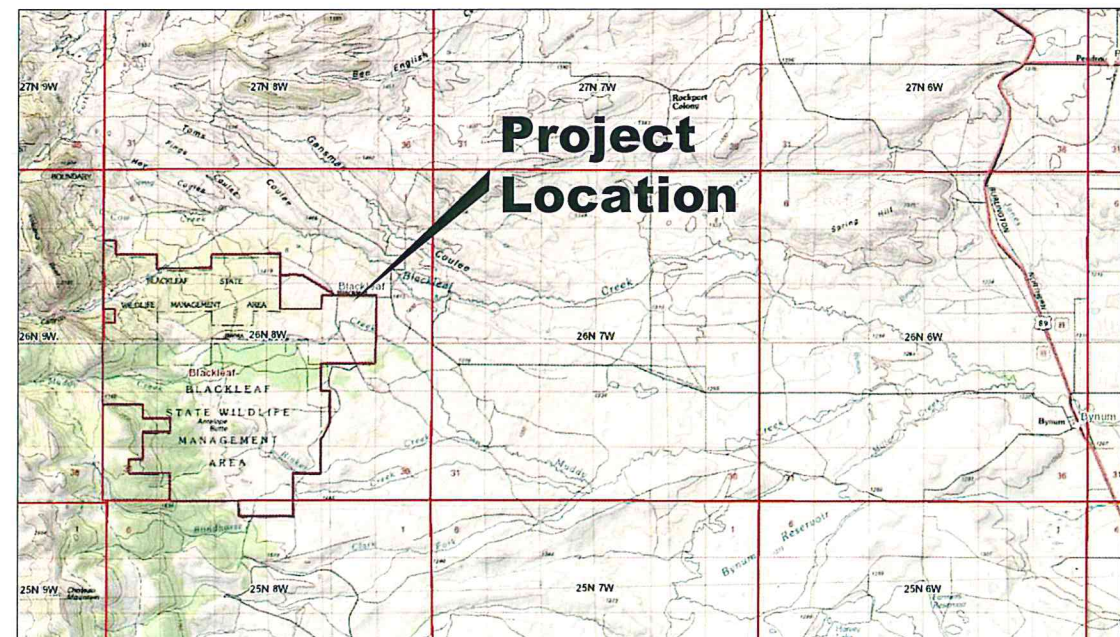


**Project  
Location**

**Location Map**

No Scale

North



**Project  
Location**

**Vicinity Map**

No Scale

MONTANA FISH, WILDLIFE AND PARKS  
DESIGN AND CONSTRUCTION

MAILING ADDRESS:

PO BOX 200701

HELENA, MT 59620-0701

TEL 406.841.4000

FAX 406.841.4004

[fwp.mt.gov/Doing Business/Design&Construction](http://fwp.mt.gov/Doing%20Business/Design&Construction)

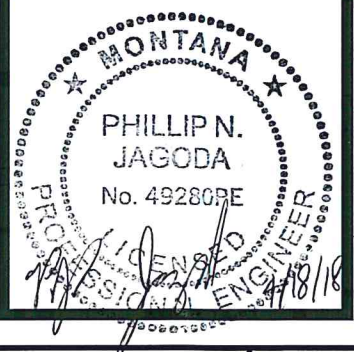
PHYSICAL ADDRESS:

1522 9th AVENUE

HELENA, MT 59601

## DRAWING INDEX

Sheet Number	Sheet Title
1	COVER SHEET
2	SITE PLAN
3	DETAILS



P. JAGODA 3/23/18  
DRAWN BY: DATE:  
P. JAGODA 3/23/18  
CHECKED BY: DATE:

APPROVED BY: DATE:  
APPROVED BY: DATE:

APPROVED BY: DATE:  
APPROVED BY: DATE:



**Montana Fish,  
Wildlife & Parks**

Cover Sheet  
Blackleaf Wildlife Management Area

SHEET: 1  
of 4





Existing Features

Blackleaf WMA

Existing Cattleguard

LEGEND

New Fence

New Wire Gate

Proposed Work

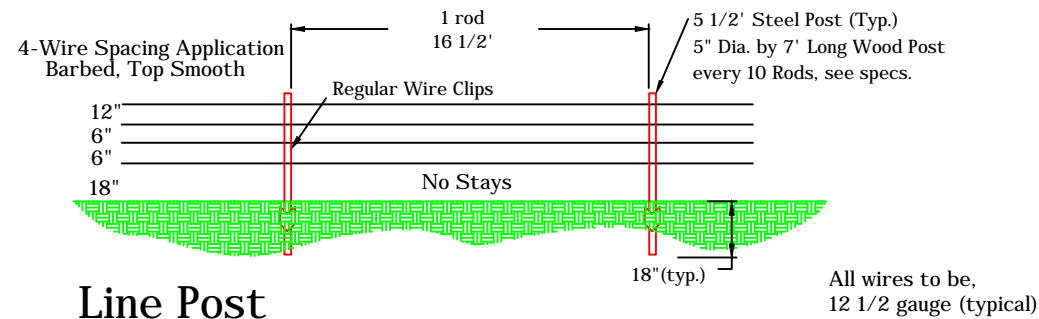
SEGMENT A - B

SEGMENT B - C

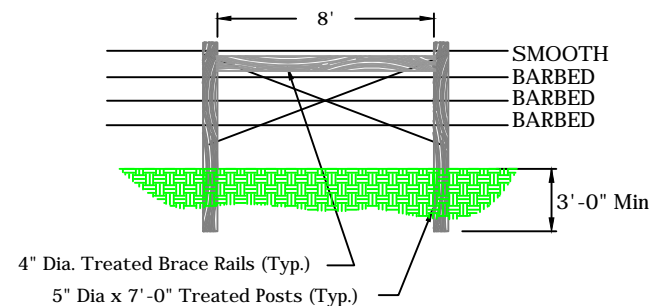
SEGMENT C - D

Fence Segment	Length	Fence Removal	New 4-Wire Fence	2 Post Brace Panel	3 Post Brace Panel	5 Post Brace Panel	16' Wire Gate
	LNFT	LNFT	LNFT	EACH	EACH	EACH	EACH
Segment A - B	2640	2640	2640	6	N/A	1	1
Segment B - C	5280	5280	5280	12	2	2	2
Segment C - D	1320	1320	1320	2	N/A	2	N/A
Total	9,240	9,240	9,240	20	2	5	3

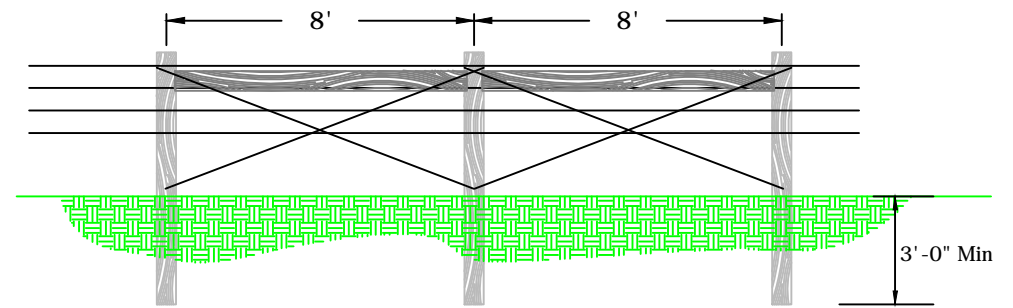




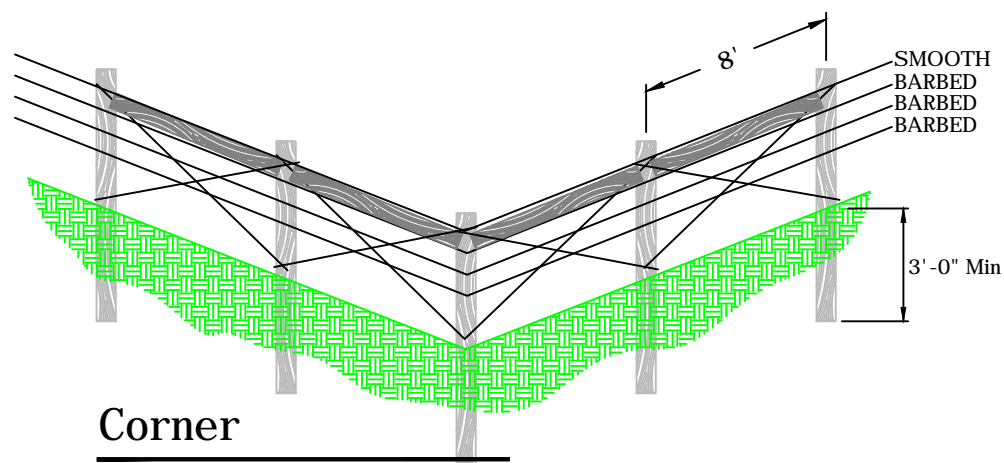
**Line Post**



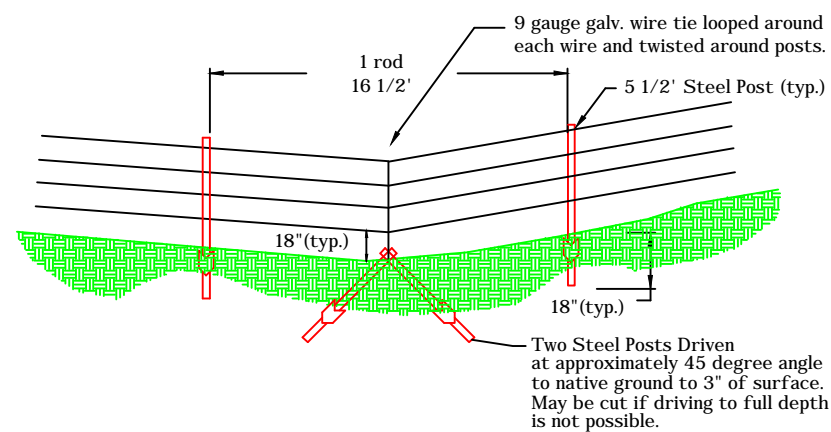
**Single Panel**



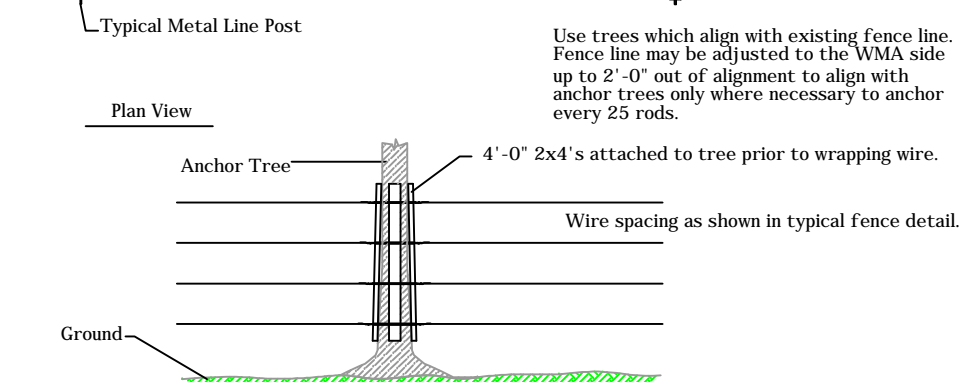
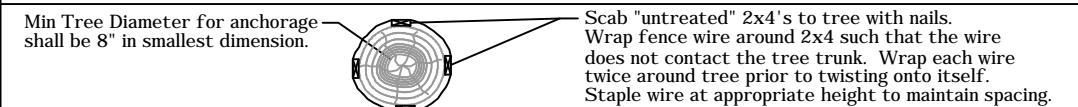
**Double Panel**



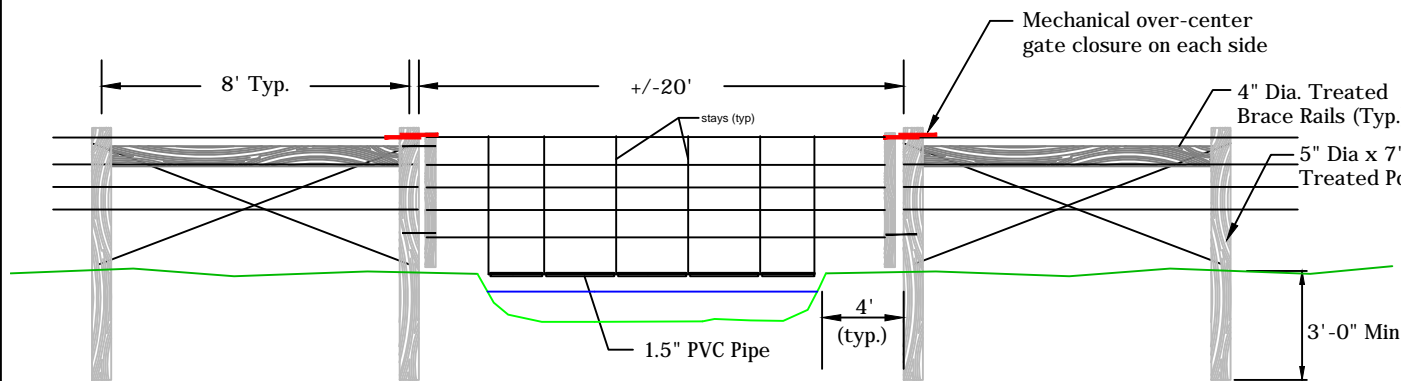
**Corner**



**Typical Deadman Anchor Detail**

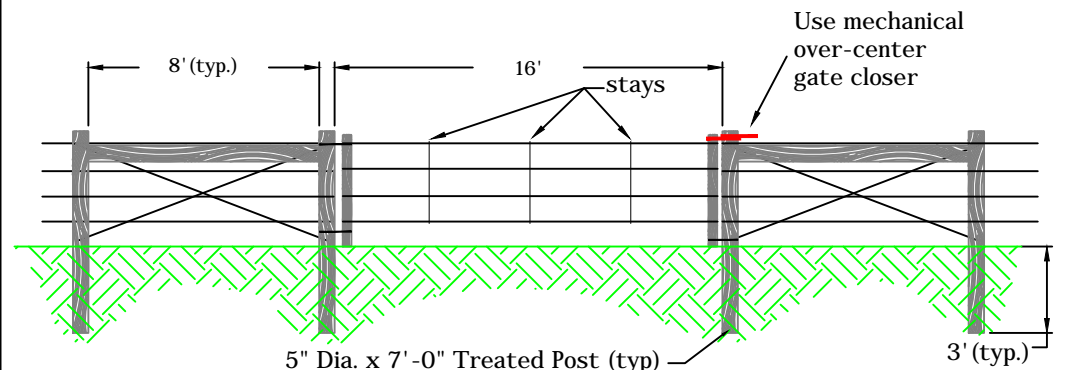
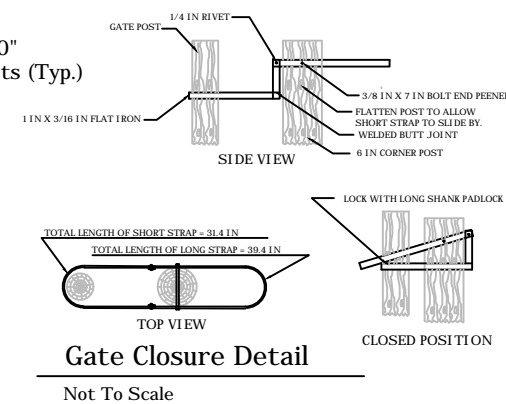


**Typical Tree Anchor Point Detail**



**Stream Crossing**

NOTES:  
Extend stays to bottom wire attached to posts, creating a hinge point to pass debris  
Thread bottom wires of stream crossing through 1.5" PVC pipe between stays  
Bottom wire to be 1 ft above water elevation



**Wire Gate** Not To Scale

Notes: 1. All Gate Wire to be Double Strand Smooth.

P. Jagoda  
DRAWN BY: DATE: 3/23/18

P. Jagoda  
CHECKED BY: DATE: 3/23/18

REVISED BY: DATE:

APPROVED BY: DATE:

APPROVED BY: DATE:

APPROVED BY: DATE:



**Montana Fish  
Wildlife & Parks**

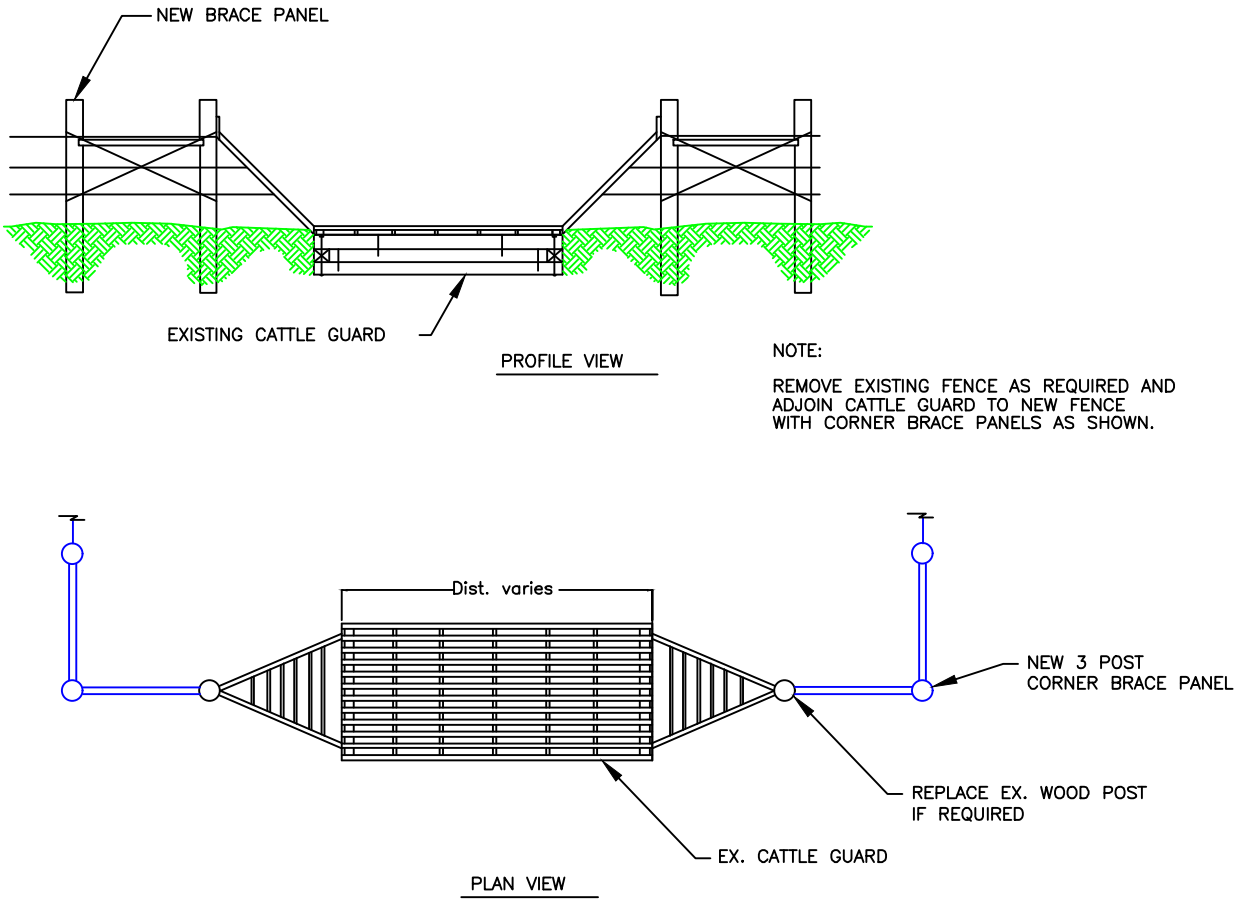
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**Fencing Details - I**  
Blackleaf WMA (near Bynum, MT)

SHEET: 3 of 4

NO DETAIL

NO DETAIL



NO DETAIL

CONNECTION TO EXISTING CATTLE GUARD  
(NO SCALE)

P. Jagoda 3/23/18  
DRAWN BY: DATE:  
P. Jagoda 3/23/18  
CHECKED BY: DATE:

REVISED BY: DATE:  
APPROVED BY: DATE:

APPROVED BY: DATE:  
APPROVED BY: DATE:



**Montana Fish  
Wildlife & Parks**

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**Fencing Details - II**  
Blackleaf WMA (near Bynum, MT)

SHEET: 4  
of 4